

Richard D. Clark, Ph.D.
Department of Earth Sciences,
Millersville University of Pennsylvania, Millersville, PA 17551-0302
Office: (717) 871-7434; Cell: (717) 940-5910
Richard.Clark@millersville.edu
http://www.millersville.edu/esci/facultypages/r_clark.php

Richard D. Clark is the Chair of the Department of Earth Sciences and Professor of Meteorology at Millersville University. His research interests span boundary layers and turbulence and air chemistry with a special emphasis on field observations using airborne and balloon-borne platforms. He also has a strong interest in solar physics and space weather and developed an academic minor in *Heliophysics and Space Weather*. Clark developed the framework and curriculum for the *M.S. in Integrated Scientific Applications* to prepare business-ready scientists for emerging workforce transformation, and recently launched a *Graduate Certification in Space Weather and Environment: Science, Policy, and Communication*. Clark has a Ph.D. in atmospheric science from the University of Wyoming ('87).

Clark is a Fellow of the American Meteorological Society (AMS) and is presently on the ballot for AMS 2021-22 President-Elect. He served as a member of AMS Council (2008-11). Clark is serving on the AMS International Volunteering Program and has served on the AMS Board of Higher Education, STAC and APT Committees, AMS Nominating Committee, and the AMS Committee on Environmental Stewardship. He has co-organized several AMS conferences, workshops, and symposia; of note among them, The Richard Anthes Symposium, Symposium on Greening the Built Environment, and the First AMS Student Conference attended by 178 students. Since 1988 he has offered every student in the Millersville meteorology program the opportunity to attend the AMS Annual Meeting and frequently has the largest contingent of students in attendance.

Clark has a long and enduring relationship with the University Corporation for Atmospheric Research (UCAR/NCAR/UPC) as the institutional representative from Millersville. He completed two terms as a member of the Board of Trustees (2009-2015) of the University Corporation for Atmospheric Research (UCAR) – the first trustee from a non-Ph.D. granting institution in UCAR history, and he served on every UCAR governance committee, including the UCAR Nominating Committee and Unidata governance committees. He is currently chair of the UCAR Advocacy for the Science Community (UASC) committee and a member of the President's Advisory Council on University Relations (PACUR). Clark is a member of the American Geophysical Union (AGU), American Association for the Advancement of Science (AAAS), Sigma Xi, and the National Weather Association.

Clark was the recipient of the 2006 Russell L. DeSouza Award for Outstanding Contributions to the Unidata Community and the 2008 AMS Teaching Excellence Award. Clark has been awarded over \$3.5M in extramural funding since 2005 and has involved over 200 undergraduate students in field research through this funding. Recent projects include a NASA funded DISCOVER-AQ, a study of air quality in four areas (CA, TX, CO, MD) and NSF-funded studies of *Ontario Winter Lake-effect Systems (OWLeS)*, *Plains Elevated Convection at Night (PECAN)*, and *Student Experience in Airborne Research-Mid-Atlantic Region (SEAR-MAR)*, which included four additional universities in the northeast and brought the University of Wyoming King Air research aircraft to Lancaster PA. In addition, Clark is PI on a recent NSF-funded project with Nat'l Center Atmospheric Research (NCAR) and COMET; *Synergistic Environments in Graduate and Undergraduate Education (SEGUE) in Atmospheric Instrumentation and Measurement Training*. Locally, Clark was elected to the Board of Directors of the North Museum of Nature and Science (Lancaster, PA), and serves as vice-president of the Board and a member of the Board's Executive and Exhibits Committees. He also serves on the Board of Directors for the Lancaster County Partnership for Public Health.